Claims

What is Claimed is:

1. A communications network for communicating an information comprised of at least one data type, comprising:

a parser for parsing the information into distinct ones of each of the at least one data type;

queue for storing each distinct one of the at least one data type.

2. The communications network of claim 1, further comprising a client device communicatively connected to the queue for receiving the information communicated over the network.

3. The communications network of claim 2, further comprising a server including the parser and the queue; wherein the server transmits the data type of each queue in accordance with a pre-determined priority sequence.

4. A method of prioritizing information communications according to data types of the information, comprising the steps of:

receiving the information; and

parsing the information to separate and segregate data types.

5. The method of claim 4, further comprising the steps of:

saving the separate data types in respective queues; and

sending the information in a prioritized sequence via the respective queues.

6. The method of claim 5, wherein the step of sending includes round-robin successive sending from each respective queue according to the prioritized sequence.

7. A method of communications, wherein a client device communicates with a server computer over a network, comprising the steps of:

receiving an information by the server computer;

pre-processing the information by replacing sequences of data of the information with pre-defined identifiers;

sending the information with the pre-defined identifiers substituted for the sequences of data.

8. The method of claim 7, further comprising the steps of:

receiving the information with the pre-defined identifiers substituted for the sequences of data; and

replacing the pre-defined identifiers with the sequences of data to obtain the information in original form.

9. The method of claim 7, wherein the method is performed by a server computer communicatively connected to a client computer.

10. The method of claim 8, wherein the steps of receiving and replacing are performed by the client computer.

11. A server computer for receiving information including data sequences and for relating data sequences to defined identifiers, comprising:

a pre-processor for replacing data sequences of the information with defined identifiers.

12. The server computer of claim 11, further comprising:

a relational database of the defined identifiers.

13. The server computer of claim 12, wherein the information is an HTML page and the defined identifiers of the relational database include data sequences indicative of recurring HTML code sequences.